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LOGINID: SSSPTA1623PAZ

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TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS	1	Web Page for STN Seminar Schedule - N. America
NEWS	2	DEC 01 ChemPort single article sales feature unavailable
NEWS	3	JAN 06 The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo
NEWS	4	JAN 07 WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data
NEWS	5	FEB 02 Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS	6	FEB 02 GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS	7	FEB 06 Patent sequence location (PSL) data added to USGENE
NEWS	8	FEB 10 COMPENDEX reloaded and enhanced
NEWS	9	FEB 11 WTEXTILES reloaded and enhanced
NEWS	10	FEB 19 New patent-examiner citations in 300,000 CA/CAPLus patent records provide insights into related prior art
NEWS	11	FEB 19 Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS	12	FEB 23 Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS	13	FEB 23 MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS	14	FEB 23 TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS	15	FEB 23 Three million new patent records blast AEROSPACE into STN patent clusters
NEWS	16	FEB 25 USGENE enhanced with patent family and legal status display data from INFADOCDB
NEWS	17	MAR 06 INFADOCDB and INPAFAMDB enhanced with new display formats
NEWS	18	MAR 11 EPFULL backfile enhanced with additional full-text applications and grants
NEWS	19	MAR 11 ESBIOBASE reloaded and enhanced
NEWS	20	MAR 20 CAS databases on STN enhanced with new super role for nanomaterial substances
NEWS	21	MAR 23 CA/CAPLus enhanced with more than 250,000 patent equivalents from China
NEWS	22	MAR 30 IMSPATENTS reloaded and enhanced
NEWS	23	APR 03 CAS coverage of exemplified prophetic substances enhanced

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
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Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 05:11:33 ON 07 APR 2009

FILE 'REGISTRY' ENTERED AT 05:11:49 ON 07 APR 2009
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STRUCTURE FILE UPDATES: 5 APR 2009 HIGHEST RN 1132636-28-2
DICTIONARY FILE UPDATES: 5 APR 2009 HIGHEST RN 1132636-28-2

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

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=> logoff hold
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY        SESSION
FULL ESTIMATED COST          1.44           1.66
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SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 05:13:38 ON 07 APR 2009

Connecting via Winsock to STN

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PASSWORD:

* * * * * RECONNECTED TO STM INTERNATIONAL * * * * *

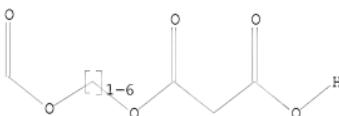
SESSION RESUMED IN FILE 'REGISTRY' AT 05:33:50 ON 07 APR 2009
FILE 'REGISTRY' ENTERED AT 05:33:50 ON 07 APR 2009
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.44	1.66

=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10531382\10531382 general AF search.str

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l1 sss sam
SAMPLE SEARCH INITIATED 05:35:14 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1796 TO ITERATE

100.0% PROCESSED 1796 ITERATIONS 3 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
PROJECTED ITERATIONS: 33378 TO 38462
PROJECTED ANSWERS: 3 TO 163

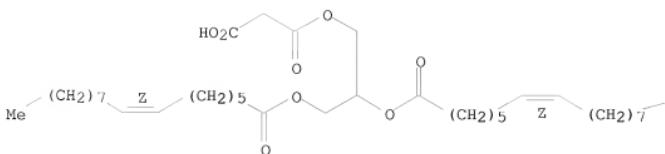
L2 3 SEA SSS SAM L1

=> d scan

L2 3 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[2,3-bis([(7Z)-1-oxo-7-hexadecen-1-yl]oxy)propyl]
 ester
MF C38 H66 O8

Double bond geometry as shown.

PAGE 1-A



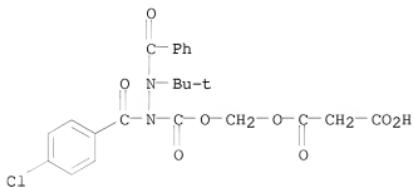
PAGE 1-B

—Me

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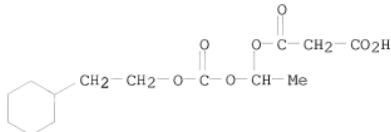
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L2 3 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[(2-benzoyl-1-(4-chlorobenzoyl)-2-(1,1-dimethylethyl)hydrazinyl]carbonyloxy]methyl ester
MF C23 H23 Cl N2 O8
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 3 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[1-[(2-cyclohexylethoxy)carbonyl]oxy]ethyl ester
MF C14 H22 O7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

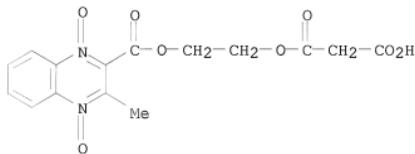
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 FULL SCREEN SEARCH COMPLETED - 35100 TO ITERATE

100.0% PROCESSED 35100 ITERATIONS 46 ANSWERS
 SEARCH TIME: 00.00.03

L3 46 SEA SSS FUL L1

=> d scan

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2-[(3-methyl-1,4-dioxido-2-
 quinoxalinyl)carbonyl]oxy]ethyl ester, sodium salt (1:1)
 MF C15 H14 N2 O8 . Na



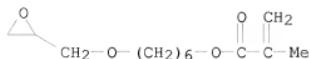
● Na

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

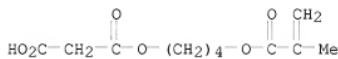
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[4-[(2-methyl-1-oxo-2-propenyl)oxy]butyl] ester,
 polymer with 2-methyl-2-propenoic acid, 6-(2-oxiranylmethoxy)hexyl
 2-methyl-2-propenoate and 2-oxiranylmethyl 2-methyl-2-propenoate
 MF (C13 H22 O4 . C11 H16 O6 . C7 H10 O3 . C4 H6 O2)x

CI PMS

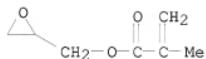
CM 1



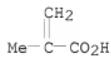
CM 2



CM 3

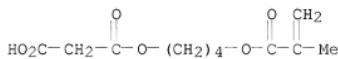


CM 4

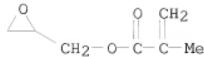


L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[4-[(2-methyl-1-oxo-2-propenyl)oxy]butyl] ester,
polymer with 2-oxiranylmethyl 2-methyl-2-propenoate
MF (C11 H16 O6 . C7 H10 O3)x
CI PMS

CM 1



CM 2



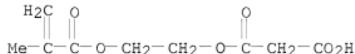
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]butyl] ester
 MF C11 H16 O6
 CI COM



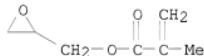
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxyethyl] ester,
 polymer with 2-oxiranymethyl 2-methyl-2-propenoate
 MF (C9 H12 O6 . C7 H10 O3)x
 CI PMS

CM 1

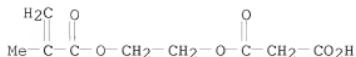


CM 2

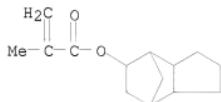


L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxyethyl] ester,
 polymer with 1,3-butadiene, 2-methyl-2-propenoic acid,
 octahydro-4,7-methano-1H-inden-5-yl 2-methyl-2-propenoate and phenylmethyl
 2-methyl-2-propenoate
 MF (C14 H20 O2 . C11 H12 O2 . C9 H12 O6 . C4 H6 O2 . C4 H6)x
 CI PMS

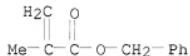
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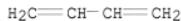
CM 2



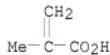
CM 3



CM 4

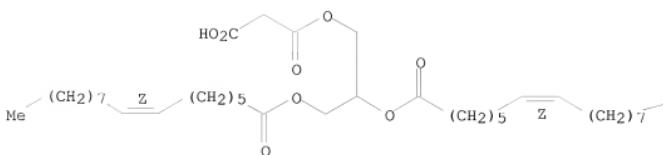


CM 5



L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[2,3-bis[(7Z)-1-oxo-7-hexadecen-1-yl]oxy]propyl ester
MF C38 H66 O8

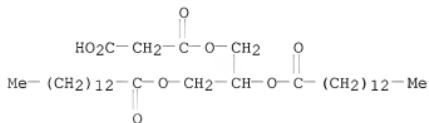
Double bond geometry as shown.



- Me

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

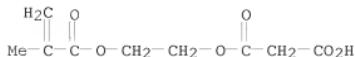
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[2,3-bis[(1-oxotetradecyl)oxy]propyl] ester
ME C34 H62 O8



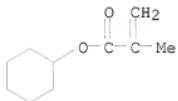
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester,
polymer with cyclohexyl 2-methyl-2-propenoate and methyl
2-methyl-2-propenoate
MF (C10 H16 O2 . C9 H12 O6 . C5 H8 O2)x
CI PMS

CM 1



CM 2

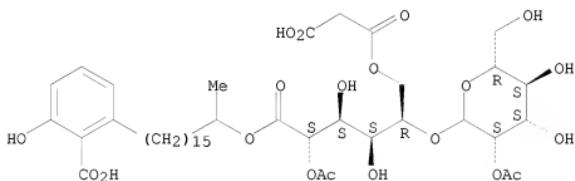


CM 3



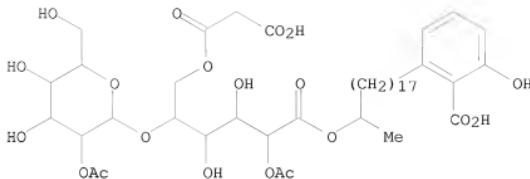
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN D-Mannonic acid, 5-O-(2-O-acetyl-D-mannopyranosyl)-,
16-(2-carboxy-3-hydroxyphenyl)-1-methylhexadecyl ester, 2-acetate
6-(hydrogen propanedioate)
MF C43 H66 O20

Absolute stereochemistry. Rotation (-).
Currently available stereo shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

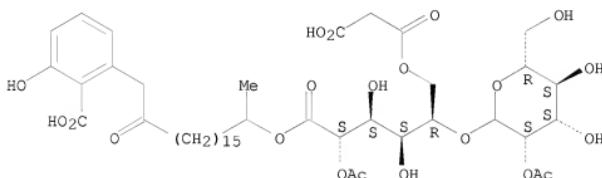
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Hexonic acid, 5-O-(2-O-acetylhexopyranosyl)-,
18-(2-carboxy-3-hydroxyphenyl)-1-methyloctadecyl ester, 2-acetate
6-(hydrogen propanedioate) (9CI)
MF C45 H70 O20



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

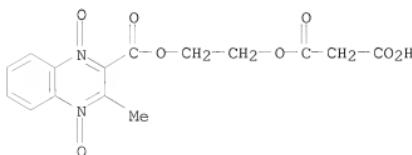
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN D-Mannonic acid, 5-O-(2-O-acetyl-D-mannopyranosyl)-,
 18-(2-carboxy-3-hydroxyphenyl)-1-methyl-17-oxooctadecyl ester, 2-acetate
 6-(hydrogen propanedioate)
 MF C45 H68 O21

Absolute stereochemistry. Rotation (-).
 Currently available stereo shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

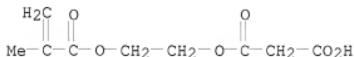
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2-[(3-methyl-1,4-dioxido-2-
 quinoxalinyl)carbonyl]oxy]ethyl ester
 MF C15 H14 N2 O8
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, mono[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester,
polymer with 1,2-ethanediyl bis(2-methyl-2-propenoate) and methyl
2-methyl-2-propenoate (9CI)
MF (C10 H14 O4 . C9 H12 O6 . C5 H8 O2)x
CI PMS

CM 1



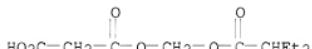
CM 2



CM 3



L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[(2-ethyl-1-oxobutoxy)methyl] ester
MF C10 H16 O6



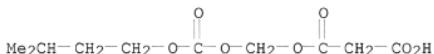
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[(3-methyl-1-oxobutoxy)methyl] ester
MF C9 H14 O6



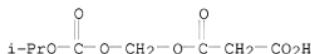
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedicic acid, 1-[(3-methylbutoxy)carbonyloxy]methyl ester
MF C10 H16 O7



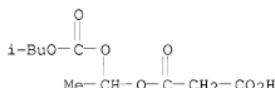
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[(1-methylethoxy)carbonyloxy]methyl ester
MF C8 H12 O7



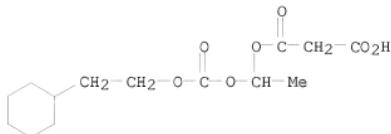
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedicic acid, 1-[1-[(2-methylpropoxy)carbonyloxy]ethyl] ester
MF C10 H16 O7



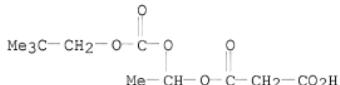
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[1-[(2-cyclohexylethoxy)carbonyloxy]ethyl] ester
MF C14 H22 O7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

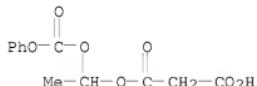
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[1-[(2,2-dimethylpropoxy)carbonyl]oxy]ethyl ester
 MF C11 H18 O7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

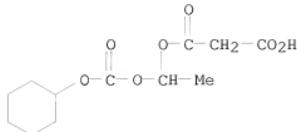
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[1-[(phenoxy carbonyl)oxy]ethyl] ester
 MF C12 H12 O7



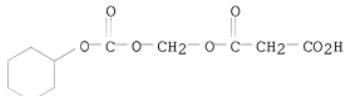
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[1-[(cyclohexyloxy)carbonyl]oxy]ethyl ester
 MF C12 H18 O7



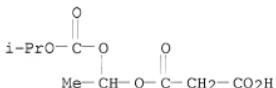
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[(cyclohexyloxy)carbonyl]oxy]methyl ester
MF C11 H16 O7



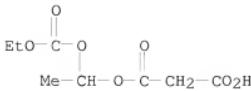
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[1-[(1-methylethoxy)carbonyl]oxy]ethyl ester
MF C9 H14 O7



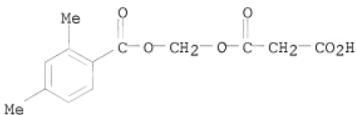
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[1-[(ethoxycarbonyl)oxy]ethyl] ester
MF C8 H12 O7



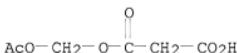
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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 IN Propanedioic acid, 1-[(2,4-dimethylbenzoyl)oxy]methyl ester
 MF C13 H14 O6



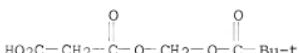
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[(acetoxy)methyl] ester
 MF C6 H8 O6



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[(2,2-dimethyl-1-oxopropoxy)methyl] ester
 MF C9 H14 O6

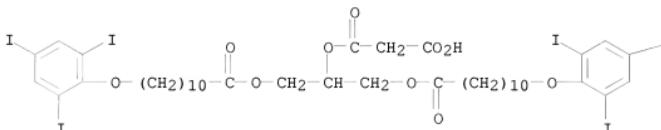


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN

IN Propanedioic acid, 1-[2-[(1-oxo-11-(2,4,6-triiodophenoxy)undecyl)oxy]-1-
[[1-oxo-11-(2,4,6-triiodophenoxy)undecyl]oxy]methyl]ethyl ester
MF C40 H52 I6 O10

PAGE 1-A

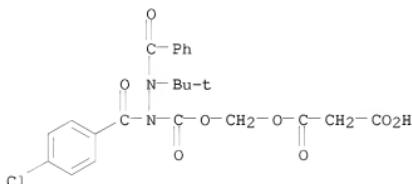


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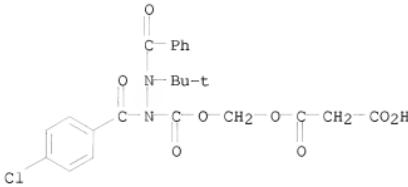
- I

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[[[2-benzoyl-1-(4-chlorobenzoyl)-2-(1,1-dimethylethyl)hydrazinyl]carbonyl]oxy]methyl ester, sodium salt (1:1)
MF C23 H23 Cl N2 O8 . Na



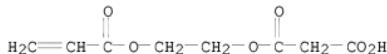
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[[[2-benzoyl-1-(4-chlorobenzoyl)-2-(1,1-dimethylethyl)hydrazinyl]carbonyl]oxy]methyl ester
MF C23 H23 Cl N2 O8
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, tridecyl ester, polymer with dodecyl 2-propenoate and 2-hydroxyethyl 2-propenoate,
 2-[(1-oxo-2-propenyl)oxy]ethyl propanedioate (9CI)
 MF (C17 H32 O2 . C15 H28 O2 . C5 H8 O3)x . x C8 H10 O6

CM 1



CM 2

CM 3



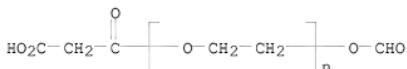
CM 4



CM 5

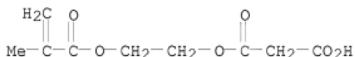


L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Poly(oxy-1,2-ethanediyl), α -(carboxyacetyl)- ω -(formyloxy)-
 (9CI)
 MF (C₂ H₄ O)_n C₄ H₄ O₅
 CI PMS



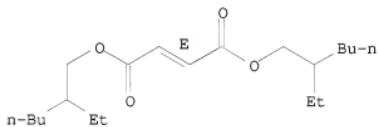
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN 2-Butenedioic acid (2E)-, bis(2-ethylhexyl) ester, polymer with
 ethenylbenzene, 2,5-furandione and 2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl
 hydrogen propanedioate (9CI)
 MF (C₂₀ H₃₆ O₄ · C₉ H₁₂ O₆ · C₈ H₈ · C₄ H₂ O₃)_x
 CI PMS

CM 1



CM 2

Double bond geometry as shown.



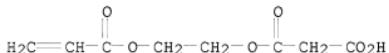
CM 3



CM 4



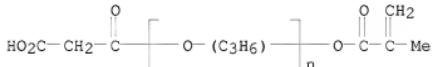
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[2-[(1-oxo-2-propenyl)oxy]ethyl] ester
MF C8 H10 O6
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Poly[oxy(methyl-1,2-ethanediyl)], α -(carboxyacetyl)- ω -[(2-methyl-1-oxo-2-propenyl)oxy]-, polymer with ethenylbenzene (9CI)
MF (C8 H8 . (C3 H6 O)n C7 H8 O5)x
CI PMS

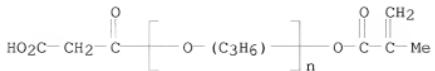
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CM 2



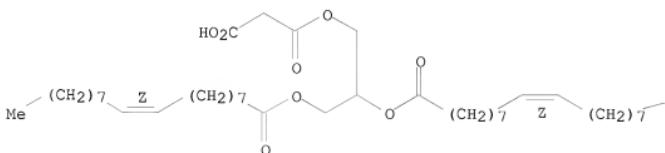
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Poly[oxy(methyl-1,2-ethanediyl)], α -(carboxyacetyl)- ω -[(2-methyl-1-oxo-2-propenyl)oxy]- (9CI)
MF (C3 H6 O)n C7 H8 O5
CI IDS, PMS, COM



L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2,3-bis([(9Z)-1-oxo-9-octadecen-1-yl]oxy)propyl]ester
 MF C42 H74 O8

Double bond geometry as shown.

PAGE 1-A



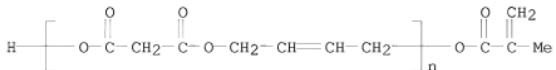
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—Me

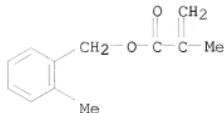
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, (2-methylphenyl)methyl ester, polymer with
 α -hydro- ω -[(2-methyl-1-oxo-2-propenyl)oxy]poly[oxy(1,3-dioxo-
 1,3-propanediyl)oxy-2-butene-1,4-diyl] (9CI)
 MF (C₁₂ H₁₄ O₂)_n C₄ H₆ O₂)_x
 CI PMS

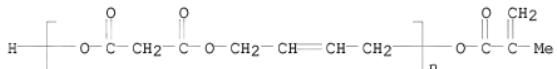
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CM 2



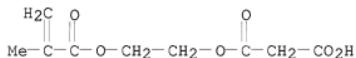
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Poly[oxy(1,3-dioxo-1,3-propanediyl)oxy-2-butene-1,4-diyli],
α-hydro-ω-[2-(methyl-1-oxo-2-propenyl)oxy]- (9CI)
MF (C7 H8 O4)n C4 H6 O2
CI PMS, COM



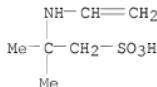
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, mono[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester,
polymer with 2-(ethenylamino)-2-methyl-1-propanesulfonic acid and methyl
2-propenoate (9CI)
MF (C9 H12 O6 . C6 H13 N O3 S . C4 H6 O2)x
CI PMS

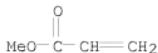
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CM 2



CM 3



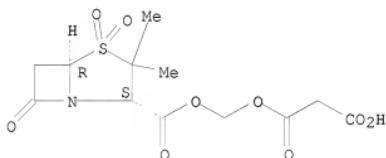
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester
MF C9 H12 O6
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, mono[[(3,3-dimethyl-4,4-dioxido-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-2-yl)carbonyl]oxy]methyl ester, (2S-cis)- (9CI)
MF C12 H15 N O9 S
CI COM

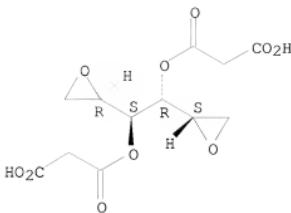
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Galactitol, 1,2:5,6-dianhydro-, bis(hydrogen propanedioate) (9CI)
MF C12 H14 O10

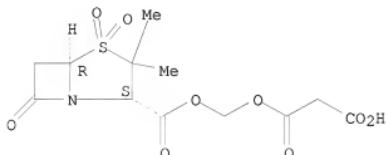
Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, mono[[(3,3-dimethyl-4,4-dioxido-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-2-yl)carbonyloxy]methyl] ester, sodium salt,
 (2S-cis)- (9CI)
 MF C12 H15 N O9 S . Na

Absolute stereochemistry.



● Na

ALL ANSWERS HAVE BEEN SCANNED

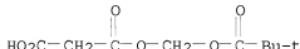
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 E1 1 PROPANEDIOIC ACID, 1-((2,2-DICHLORO-3,3-DIMETHYLCLOPROPYL)
 METHYL) 3-ETHYL ESTER/CN
 E2 1 PROPANEDIOIC ACID, 1-((2,2-DIMETHYL-1,3-DIOXOLAN-4-YL)METHYL
) 3-(2-MERCAPTOETHYL) ESTER/CN
 E3 1 --> PROPANEDIOIC ACID, 1-((2,2-DIMETHYL-1-OXOPROPOXY)METHYL) EST
 ER/CN
 E4 1 PROPANEDIOIC ACID, 1-((2,3-DIHYDRO-1,3-DIOXO-1H-INDEN-2-YL)P
 HENYL) 3-ETHYL ESTER/CN
 E5 1 PROPANEDIOIC ACID, 1-((2,3-DIHYDRO-1,3-DIOXO-2-PHENYL-1H-IND
 EN-2-YL)METHYL) ESTER/CN
 E6 1 PROPANEDIOIC ACID, 1-((2,6-DICHLORO-4-PYRIDINYL)METHYL) 3-ME

E7 1 THYL ESTER/CN
 PROPANEDIOIC ACID, 1-((2-(((1,1-DIMETHYLETHYL)DIPHENYLSILYL)
)OXY)METHYL)-3,6-DIHYDRO-6-METHOXO-2H-PYRAN-3-YL)METHYL) 3-M
 ETHYL ESTER/CN
 E8 1 PROpanedioic acid, 1-((2-((2,3-DIMETHYL-1-(PHENYLMETHYL)-1H
 -PYRROLO(2,3-D)PYRIDAZIN-7-YL)OXY)METHYL)PHENYL)METHYL) 3-ME
 THYL ESTER/CN
 E9 1 PROpanedioic acid, 1-((2-((4-(2,4-BIS(1,1-DIMETHYLPROPY
 L)PHENOXY)BUTYL)AMINO)CARBONYL)-4-HYDROXY-1-NAPHTHALENYL)OXY
)-5-((2-NITROPHENYL)SULFONYL)AMINO)PHENYL)METHYL) ESTER/CN
 E10 1 PROpanedioic acid, 1-((2-(1,3-DITHIOL-2-YLIDENE)-1,3-DITHIOL
 -4-YL)METHYL) 3-ETHYL ESTER/CN
 E11 1 PROpanedioic acid, 1-((2-CHLORO-4-FLUORO-5-(1,3,4,5,6,7-HEXA
 HYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)PHENYL)METHYL) 3-ETHYL ESTE
 R/CN
 E12 1 PROpanedioic acid, 1-((2-CHLORO-5-(2,6-DICHLORO-4-(TRIFLUORO
 METHYL)PHENOXY)PHENYL)METHYL) 3-METHYL ESTER/CN

 => e3
 L4 1 "PROpanedioic acid, 1-((2,2-DIMETHYL-1-OXOPROPOXY)METHYL) ESTER"
 /CN

=> d 14

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 682747-74-6 REGISTRY
 ED Entered STN: 18 May 2004
 CN Propanedioic acid, 1-[(2,2-dimethyl-1-oxopropoxy)methyl] ester
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Propanedioic acid, mono[(2,2-dimethyl-1-oxopropoxy)methyl] ester (9CI)
 MF C9 H14 O6
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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FULL ESTIMATED COST		ENTRY	SESSION
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STRUCTURE FILE UPDATES: 5 APR 2009 HIGHEST RN 1132636-28-2
DICTIONARY FILE UPDATES: 5 APR 2009 HIGHEST RN 1132636-28-2

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

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<http://www.cas.org/support/stngen/stndoc/properties.html>

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=> 14
L5      1 "PROPANEDIOIC ACID, 1-((2,2-DIMETHYL-1-OXOPROPOXY)METHYL) ESTER"
       /CN

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FILE 'CAPLUS' ENTERED AT 05:46:03 ON 07 APR 2009
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FILE COVERS 1907 - 7 Apr 2009 VOL 150 ISS 15
FILE LAST UPDATED: 6 Apr 2009 (20090406/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

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This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> 14
L6      2 L4
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=> d 16 l-2 ti fibib abs

L6 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
TI Process for preparation of malonic acid monoesters
AN 2004:354912 CAPLUS <>LOGINID:20090407>>
DN 140:374903
TI Process for preparation of malonic acid monoesters
IN Sawabe, Takehiko; Aihara, Kazuhiro; Atsumi, Kunio; Ajito, Keiichi
PA Meiji Seika Kaisha, Ltd., Japan
SO PCT Int. Appl., 41 pp.
CODEN: PIXXD2

DT Patent
LA Japanese

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004035540	A1	20040429	WO 2003-JP13319	20031017
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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				JP 2003-50293	A 20030227
AU	2003301426	A1	20040504	AU 2003-301426	20031017
				JP 2002-304630	A 20021018
				JP 2003-50293	A 20030227
				WO 2003-JP13319	W 20031017
EP	1561748	A1	20050810	EP 2003-756680	20031017
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				WO 2003-JP13319	W 20031017
US	20050272950	A1	20051208	US 2005-531382	20050415
				JP 2002-304630	A 20021018
				JP 2003-50293	A 20030227
				WO 2003-JP13319	W 20031017

PATENT FAMILY INFORMATION:

FAN 2004:354911

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PI	WO 2004035539	A1	20040429	WO 2003-JP13318	20031017
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				AU 2003-301425	AU 2003-301425 20031017

OS MARPAT 140:374903
 AB This invention pertains to a method for producing malonic acid monoesters with general formula of HO₂CCH₂CO₂R [where R = a group which is easily hydrolyzed in vivo] or salts, which comprises reacting malonic acid with a halide in the presence of a base. For example, acetoxyethyl bromide was reacted with malonic acid in THF in the presence of N,N-diisopropylethylamine to give malonic acid mono-acetoxyethyl ester. This invention provides a method to make malonic acid monoesters with low cost.

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Process for preparation of carbapenem derivatives
 AN 2004:354911 CAPLUS <>LOGINID::20090407>>
 DN 140:357192
 TI Process for preparation of carbapenem derivatives
 IN Yasuda, Shohei; Okue, Masayuki; Hori, Nobuyuki
 PA Meiji Seika Kaisha, Ltd., Japan
 SO PCT Int. Appl., 54 pp.
 CODEN: PIXXD2

DT Patent
 LA Japanese

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004035539	A1	20040429	WO 2003-JP13318	20031017
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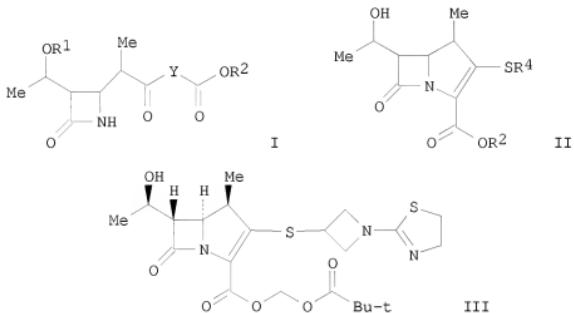
PATENT FAMILY INFORMATION:

FAN 2004:354912

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				JP 2003-50293	A 20030227
AU	2003301426	A1	20040504	AU 2003-301426	20031017

			JP	2002-304630	A	20021018
			JP	2003-50293	A	20030227
			WO	2003-JP13319	W	20031017
EP	1561748	A1	20050810	EP 2003-756680		20031017
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK					
US	20050272950	A1	20051208	JP 2002-304630 JP 2003-50293 WO 2003-JP13319 US 2005-531382 JP 2002-304630 JP 2003-50293 WO 2003-JP13319	A A W A A A W	20021018 20030227 20031017 20050415 20021018 20030227 20031017

OS MARPAT 140:357192
GI



AB This invention pertains to a method for producing carbapenem derivs. with general formula of I and II [wherein Y = CH₂ or C(=N); R₁ = a protecting group of OH; R₂ = an *in vivo* degradable group; R₄ = 1-(1,3-thiazolin-2-yl)azetidin-3-yl or 2-oxopyrrolidin-4-yl]. For example, the compound III was prepared in a multi-step synthesis starting from an azetidine derivative including a cyclization reaction. By the process, the title compds. can be produced at a lower cost and can be advantageously produced industrially.

RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 05:11:33 ON 07 APR 2009)

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L1      STRUCTURE uploaded
L2      3 SEARCH L1 SSS SAM
L3      46 SEARCH L1 SSS FULL
L4      E PROPANEDIOIC ACID, 1-((2,2-DIMETHYL-1-OXOPROPOXY)METHYL) ESTE
L4      1 E3
L4      SAVE TEMP L3 RAWSUPERSET/A
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L5 FILE 'REGISTRY' ENTERED AT 05:45:45 ON 07 APR 2009
1 L4

L6 FILE 'CAPLUS' ENTERED AT 05:46:03 ON 07 APR 2009
2 L4

=> 13
L7 28 L3

=> d 17 18-28 ti

L7 ANSWER 18 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Ultraviolet ray-curable adhesive compositions for metal hubs

L7 ANSWER 19 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Reactive emulsifiers for emulsion polymerization of vinyl compounds

L7 ANSWER 20 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Lipid Derivatives of Sarcosine, Methotrexate, and Rubomycin

L7 ANSWER 21 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Electrophotographic light-sensitive material

L7 ANSWER 22 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI High-contrast silver halide photographic material

L7 ANSWER 23 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Orally effective acid prodrugs of the β -lactamase inhibitor sulbactam

L7 ANSWER 24 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI RP-HPLC assay for 1,2-5,6-dianhydro-3,4-disuccinylgalactitol and its metabolites in blood plasma and liver

L7 ANSWER 25 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Bis-esters of dicarboxylic acids with amoxicillin and certain hydroxymethylpenicillanate 1,1-dioxides

L7 ANSWER 26 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI 1,1-Alkanediol dicarboxylate-linked antibacterial agents

L7 ANSWER 27 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI 1,1-Alkanediol dicarboxylate linked antibacterial agents

L7 ANSWER 28 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Substituted alkyl esters of quinoxaline-di-N-oxide-2-carboxylic acid

=> d 17 1-18 ti

L7 ANSWER 1 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Negative photosensitive resin composition, spacer and liquid crystal display

L7 ANSWER 2 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Novel facultative cationic sterols and liposomes containing them

L7 ANSWER 3 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Amphoteric liposomes, method of formulating amphoteric liposomes and of loading an amphoteric liposomes

- L7 ANSWER 4 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Ink-jet ink compositions with excellent dispersibility and storage stability and manufacture of lithographic printing plates using them
- L7 ANSWER 5 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI F-16438s, novel binding inhibitors of CD44 and hyaluronic acid. II. Producing organism, fermentation, isolation, physico-chemical properties and structural elucidation
- L7 ANSWER 6 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI F-16438s, novel binding inhibitors of CD44 and hyaluronic acid. Establishment of an assay method and biological activity
- L7 ANSWER 7 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Preparation of novel pyrazoloquinolones and their use for medical compositions
- L7 ANSWER 8 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Acidolysis between triolein and short-chain fatty acid by lipase in organic solvents
- L7 ANSWER 9 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Gloeoporus for manufacture of inhibitors to Hyaluronic acid receptor CD44
- L7 ANSWER 10 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Polymerizable compositions containing certain cyanine dyes with excellent storage stability and IR sensitivity and presensitized lithographic plates using them
- L7 ANSWER 11 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Process for preparation of malonic acid monoesters
- L7 ANSWER 12 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Process for preparation of carbapenem derivatives
- L7 ANSWER 13 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Glycerol ester derivative
- L7 ANSWER 14 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Preparation of derivatives of known pesticides, with enhanced properties
- L7 ANSWER 15 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Oily ink compositions for electrostatic ink-jet printing with good discharge stability and images having high clearness and adhesion strength
- L7 ANSWER 16 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Resist developer containing basic organic compound and formic acid ester and rapid developing method using it
- L7 ANSWER 17 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Resin composition for electrophotographic toner
- L7 ANSWER 18 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Ultraviolet ray-curable adhesive compositions for metal hubs

=> d 17 ll ti fbib abs
'LL' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS ----- GI and AB
 ALL ----- BIB, AB, IND, RE
 APPS ----- AI, PRAI
 BIB ----- AN, plus Bibliographic Data and PI table (default)
 CAN ----- List of CA abstract numbers without answer numbers
 CBIB ----- AN, plus Compressed Bibliographic Data
 CLASS ----- IPC, NCL, ECLA, FTERM
 DALL ----- ALL, delimited (end of each field identified)
 DMAX ----- MAX, delimited for post-processing
 FAM ----- AN, PI and PRAI in table, plus Patent Family data
 FBIB ----- AN, BIB, plus Patent FAM
 IND ----- Indexing data
 IPC ----- International Patent Classifications
 MAX ----- ALL, plus Patent FAM, RE
 PATS ----- PI, SO
 SAM ----- CC, SX, TI, ST, IT
 SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;
 SCAN must be entered on the same line as the DISPLAY,
 e.g., D SCAN or DISPLAY SCAN)
 STD ----- BIB, CLASS

 IABS ----- ABS, indented with text labels
 IALL ----- ALL, indented with text labels
 IBIB ----- BIB, indented with text labels
 IMAX ----- MAX, indented with text labels
 ISTD ----- STD, indented with text labels

 OBIB ----- AN, plus Bibliographic Data (original)
 OIBIB ----- OBIB, indented with text labels

 SBIB ----- BIB, no citations
 SIBIB ----- IBIB, no citations

 HIT ----- Fields containing hit terms
 HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)
 containing hit terms
 HITRN ----- HIT RN and its text modification
 HITSTR ----- HIT RN, its text modification, its CA index name, and
 its structure diagram
 HITSEQ ----- HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
 FHITSTR ----- First HIT RN, its text modification, its CA index name, and
 its structure diagram
 FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
 KWIC ----- Hit term plus 20 words on either side
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 ENTER DISPLAY FORMAT (BIB):end

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L7 ANSWER 11 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Process for preparation of malonic acid monoesters
 AN 2004:354912 CAPLUS <>LOGINID:>20090407>>
 DN 140:374903
 TI Process for preparation of malonic acid monoesters
 IN Sawabe, Takehiko; Aihara, Kazuhiro; Atsumi, Kunio; Ajito, Keiichi
 PA Meiji Seika Kaisha, Ltd., Japan
 SO PCT Int. Appl., 41 pp.
 CODEN: PIXXD2

DT Patent
 LA Japanese
 FAN.CNT 2

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PI	WO 2004035540	A1	20040429	WO 2003-JP13319	20031017
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				JP 2003-50293	A 20030227
AU	2003301426	A1	20040504	AU 2003-301426	20031017
				JP 2002-304630	A 20021018
				JP 2003-50293	A 20030227
				WO 2003-JP13319	W 20031017
EP	1561748	A1	20050810	EP 2003-756680	20031017
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			JP 2002-304630	A 20021018
				JP 2003-50293	A 20030227
				WO 2003-JP13319	W 20031017
US	20050272950	A1	20051208	US 2005-531382	20050415
				JP 2002-304630	A 20021018
				JP 2003-50293	A 20030227
				WO 2003-JP13319	W 20031017

PATENT FAMILY INFORMATION:

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				AU 2003-301425	20031017
				JP 2002-304630	A 20021018
AU	2003301425	A1	20040504	WO 2003-JP13318	W 20031017

OS MARPAT 140:374903

AB This invention pertains to a method for producing malonic acid monoesters with general formula of HO₂CCH₂CO₂R [where R = a group which is easily hydrolyzed *in vivo* or salts, which comprises reacting malonic acid with a halide in the presence of a base. For example, acetoxyethyl bromide was reacted with malonic acid in THF in the presence of N,N-diisopropylethylamine to give malonic acid mono-acetoxyethyl ester. This invention provides a method to make malonic acid monoesters with low cost.

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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'T13' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

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ALL ----- BIB, AB, IND, RE
APPS ----- AI, PRAI
BIB ----- AN, plus Bibliographic Data and PI table (default)
CAN ----- List of CA abstract numbers without answer numbers
CBIB ----- AN, plus Compressed Bibliographic Data
CLASS ----- IPC, NCL, ECLA, FTERM
DALL ----- ALL, delimited (end of each field identified)
DMAX ----- MAX, delimited for post-processing
FAM ----- AN, PI and PRAI in table, plus Patent Family data
FBIB ----- AN, BIB, plus Patent FAM
IND ----- Indexing data
IPC ----- International Patent Classifications
MAX ----- ALL, plus Patent FAM, RE
PATS ----- PI, SO
SAM ----- CC, SX, TI, ST, IT
SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;
SCAN must be entered on the same line as the DISPLAY,
e.g., D SCAN or DISPLAY SCAN)
STD ----- BIB, CLASS

IABS ----- ABS, indented with text labels
IALL ----- ALL, indented with text labels
IBIB ----- BIB, indented with text labels
IMAX ----- MAX, indented with text labels
ISTD ----- STD, indented with text labels

OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

HIT ----- Fields containing hit terms
HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)
containing hit terms
HITRN ----- HIT RN and its text modification
HITSTR ----- HIT RN, its text modification, its CA index name, and
its structure diagram
HITSEQ ----- HIT RN, its text modification, its CA index name, its
structure diagram, plus NTE and SEQ fields
FHITSTR ----- First HIT RN, its text modification, its CA index name, and
its structure diagram

FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
 KWIC ----- Hit term plus 20 words on either side
 OCC ----- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field codes. For a list of the display field codes, enter HELP DFIELDS at an arrow prompt (>). Examples of formats include: TI; TI,AU; BIB,ST; TI,IND; TI,SO. You may specify the format fields in any order and the information will be displayed in the same order as the format specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR, FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC to view a specified Accession Number.

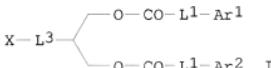
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L7	ANSWER	13 OF 28	CAPLUS	COPYRIGHT 2009 ACS on STN
TI	Glycerol ester derivative			
AN	2003:777740 CAPLUS <>LOGINID::20090407>			
DN	139:291978			
TI	Glycerol ester derivative			
IN	Takahashi, Kazunobu; Kitaguchi, Hiroshi; Aikawa, Kazuhiro			
PA	Fuji Photo Film Co., Ltd., Japan			
SO	PCT Int. Appl., 71 pp.			
CODEN:	PIXXD2			
DT	Patent			
LA	English			
FAN.CNT	1			
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 2003080554	A2	20031002	WO 2003-JP3814	20030327
WO 2003080554	A3	20040415		
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		JP 2002-88695	A 20020327	
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		JP 2002-88694	A 20020327	
		JP 2002-88695	A 20020327	
		WO 2003-JP3814	W 20030327	
EP 1492776	A2	20050105	EP 2003-715494	20030327
EP 1492776	B1	20081029		
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		JP 2002-88694	A 20020327	
		JP 2002-88695	A 20020327	
		WO 2003-JP3814	W 20030327	
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AT 412641	T	20081115	WO 2003-JP3814	W 20030327
			AT 2003-715494	20030327
			JP 2002-88694	A 20020327
			JP 2002-88695	A 20020327
US 20060062726	A1	20060323	US 2005-507486	20050913
US 7371877	B2	20080513	JP 2002-88694	A 20020327
			JP 2002-88695	A 20020327
			WO 2003-JP3814	W 20030327

OS MARPAT 139:291978
GI



AB The invention claims the glycerol esters I or their salts (Ar1 = H or aryl group having at least one I atom as a substituent; Ar2 = aryl group having at least one I atom as a substituent; L1 and L2 independently = a divalent bridging group of which main chain contains ≥ 6 C atoms; L3 = a single bond or a divalent bridging group of which main chain contains 1-6 C atoms and one O atom; X = a functional group containing at least one heteroatom, provided that, when L3 is a single bond, X represents a functional group other than hydroxyl group). I can be used as a membrane component of liposomes, and the liposomes can be used as a contrast medium for x-ray radiog.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> logoff hold			
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FULL ESTIMATED COST	ENTRY	SESSION	
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL	
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SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 06:00:21 ON 07 APR 2009

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* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 06:05:20 ON 07 APR 2009
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.28	-3.28
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
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 DICTIONARY FILE UPDATES: 5 APR 2009 HIGHEST RN 1132636-28-2

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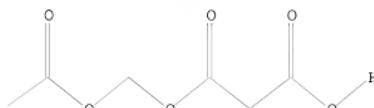
REGISTRY includes numerically searchable data for experimental and
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=>
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L8 STRUCTURE UPLOADED

=> d 18
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 L8 STR



Structure attributes must be viewed using STN Express query preparation.

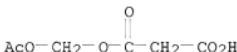
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100.0% PROCESSED 3 ITERATIONS 1 ANSWERS
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L9 1 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
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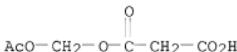


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

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L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN 683251-13-0 REGISTRY
ED Entered STN: 19 May 2004
CN Propanedioic acid, 1-[(acetoxy)methyl] ester (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Propanedioic acid, mono[(acetoxy)methyl] ester (9CI)
MF C6 H8 O6
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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COST IN U.S. DOLLARS SINCE FILE TOTAL

FULL ESTIMATED COST	ENTRY 65.61	SESSION 332.57
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY 0.00	TOTAL SESSION -3.28
CA SUBSCRIBER PRICE		

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FILE COVERS 1907 - 7 Apr 2009 VOL 150 ISS 15
 FILE LAST UPDATED: 6 Apr 2009 (20090406/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

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L10      1 L9
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DN  140:374903
TI  Process for preparation of malonic acid monoesters
IN  Sawabe, Takehiko; Aihara, Kazuhiro; Atsumi, Kunio; Ajito, Keiichi
PA  Meiji Seika Kaisha, Ltd., Japan
SO  PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DT  Patent
LA  Japanese
FAN.CNT 2
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PI	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004035540	A1	20040429	W0 2003-JP13319	20031017	
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,				

RW:	TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
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	KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,			
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	BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
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	JP 2003-50293	A	20030227	
AU 2003301426	A1 20040504	AU 2003-301426		20031017
		JP 2002-304630	A	20021018
		JP 2003-50293	A	20030227
		WO 2003-JP13319	W	20031017
EP 1561748	A1 20050810	EP 2003-756680		20031017
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,			
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US 20050272950	A1 20051208	US 2005-531382		20050415
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		WO 2003-JP13319	W	20031017

PATENT FAMILY INFORMATION:

FAN 2004:354911

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004035539	A1	20040429	WO 2003-JP13318	20031017
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
		JP 2002-304630	A	20021018
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OS MARPAT 140:374903

AB This invention pertains to a method for producing malonic acid monoesters with general formula of HO2CCH2CO2R [where R = a group which is easily hydrolyzed in vivo] or salts, which comprises reacting malonic acid with a halide in the presence of a base. For example, acetoxyethyl bromide was reacted with malonic acid in THF in the presence of N,N-diisopropylethylamine to give malonic acid mono-acetoxyethyl ester. This invention provides a method to make malonic acid monoesters with low cost.

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> sel 110 rn
E1 THROUGH E44 ASSIGNED

=>

=> file caplus
COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
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FULL ESTIMATED COST	11.95	344.52
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.82	-4.10

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FILE COVERS 1907 - 7 Apr 2009 VOL 150 ISS 15
 FILE LAST UPDATED: 6 Apr 2009 (20090406/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
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STRUCTURE FILE UPDATES: 5 APR 2009 HIGHEST RN 1132636-28-2
 DICTIONARY FILE UPDATES: 5 APR 2009 HIGHEST RN 1132636-28-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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L3 46 SEARCH L1 SSS FULL
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L4 1 E3
SAVE TEMP L3 RAWSUPERSET/A

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L5 1 L4

FILE 'CAPLUS' ENTERED AT 05:46:03 ON 07 APR 2009
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L7 28 L3

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SEL L10 RN

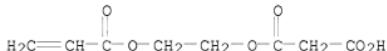
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L12 31 L3 NOT L11

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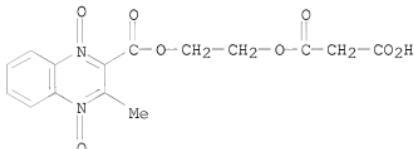
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MF C8 H10 O6
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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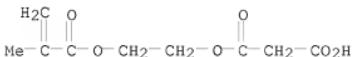
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quinoxalinyl)carbonyl]oxy]ethyl ester
MF C15 H14 N2 O8
CI COM



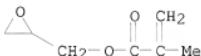
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester,
polymer with 2-oxiranymethyl 2-methyl-2-propenoate
MF (C₉ H₁₂ O₆ . C₇ H₁₀ O₃)_x
CI PMS

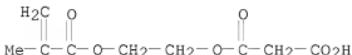
CM 1



CM 2



L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester
MF C₉ H₁₂ O₆
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

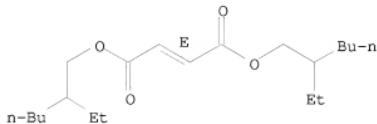
L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 2-Butenedioic acid (2E)-, bis(2-ethylhexyl) ester, polymer with
ethenylbenzene, 2,5-furandione and 2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl
hydrogen propanedioate (9CI)
MF (C₂₀ H₃₆ O₄ . C₉ H₁₂ O₆ . C₈ H₈ . C₄ H₂ O₃)_x
CI PMS

CM 1

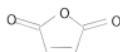


CM 2

Double bond geometry as shown.



CM 3

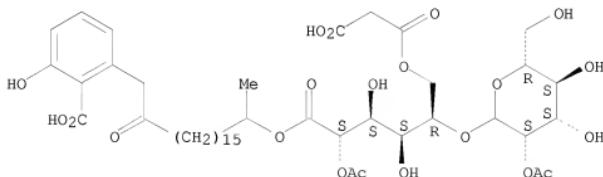


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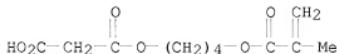
L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN D-Mannonic acid, 5-O-(2-O-acetyl-D-mannopyranosyl)-,
18-(2-carboxy-3-hydroxyphenyl)-1-methyl-17-oxooctadecyl ester, 2-acetate
6-(hydrogen propanedioate)
MF C45 H68 O21

Absolute stereochemistry. Rotation (-).
Currently available stereo shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[4-(2-methyl-1-oxo-2-propenyl)oxy]butyl ester
MF C11 H16 O6
CI COM



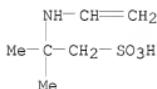
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, mono[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester,
polymer with 2-(ethenylamino)-2-methyl-1-propanesulfonic acid and methyl
2-propenoate (9CI)
MF (C9 H12 O6 . C6 H13 N O3 S . C4 H6 O2)x
CI PMS

CM 1



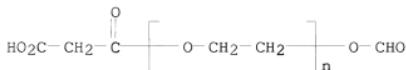
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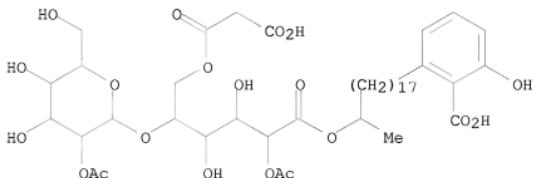
CM 3



L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Poly(oxy-1,2-ethanediyl), α -(carboxyacetyl)- ω -(formyloxy)-
(9CI)
MF (C2 H4 O)n C4 H4 O5
CI PMS



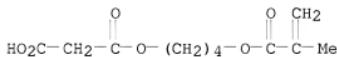
L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Hexonic acid, 5-O-(2-O-acetylhexopyranosyl)-,
 18-(2-carboxy-3-hydroxyphenyl)-1-methyloctadecyl ester, 2-acetate
 6-(hydrogen propanedioate) (9CI)
 MF C45 H70 O20



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]butyl] ester,
 polymer with 2-oxiranymethyl 2-methyl-2-propenoate
 MF C11 H16 O6 . C7 H10 O3)x
 CI PMS

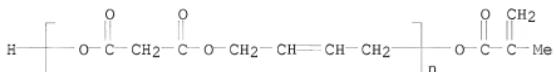
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CM 2

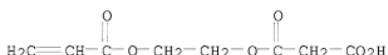


L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Poly[oxy(1,3-dioxo-1,3-propanediyl)oxy-2-butene-1,4-diyl],
 α -hydro- ω -[(2-methyl-1-oxo-2-propenyl)oxy]- (9CI)
 MF (C₇ H₈ O₄)_n C₄ H₆ O₂
 CI PMS, COM



L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, tridecyl ester, polymer with dodecyl
 2-propenoate and 2-hydroxyethyl 2-propenoate,
 2-[(1-oxo-2-propenyl)oxylethyl propanoate dioate (9CI)
 MF (C₁₇ H₃₂ O₂)_x C₁₅ H₂₈ O₂ C₅ H₈ O₃)_x . x C₈ H₁₀ O₆

CM 1



CM 2

CM 3



CM 4

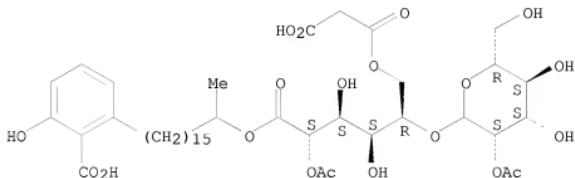


CM 5



L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN D-Mannonic acid, 5-O-(2-O-acetyl-D-mannopyranosyl)-,
 16-(2-carboxy-3-hydroxyphenyl)-1-methylhexadecyl ester, 2-acetate
 6-(hydrogen propanedioate)
 MF C43 H66 O20

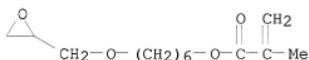
Absolute stereochemistry. Rotation (-).
 Currently available stereo shown.



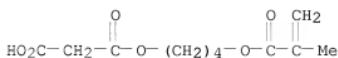
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L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]butyl] ester, polymer with 2-methyl-2-propenoic acid, 6-(2-oxiranylmethoxy)hexyl 2-methyl-2-propenoate and 2-oxiranylmethyl 2-methyl-2-propenoate
 MF (C13 H22 O4 . C11 H16 O6 . C7 H10 O3 . C4 H6 O2)x
 CI PMS

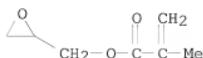
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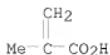
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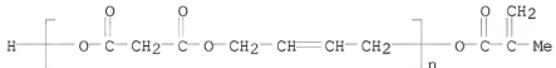


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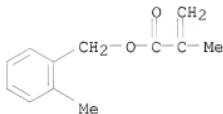


L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 2-Propenoic acid, 2-methyl-, (2-methylphenyl)methyl ester, polymer with
 α -hydro- ω -[(2-methyl-1-oxo-2-propenyl)oxy]poly[oxy(1,3-dioxo-
1,3-propanediyl)oxy-2-butene-1,4-diyl] (9CI)
MF (C12 H14 O2 . (C7 H8 O4)n C4 H6 O2)x
CI PMS

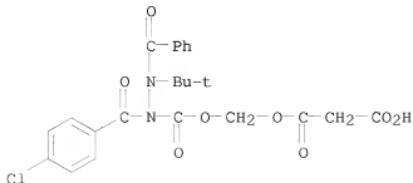
CM 1



CM 2



L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanoic acid, 1-[[[2-benzoyl-1-(4-chlorobenzoyl)-2-(1,1-dimethyl-1-oxo-2-propenyl)hydrazinyl]carbonyl]oxy]methyl ester
MF C23 H23 Cl N2 O8
CI COM



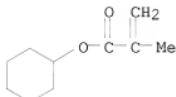
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl] ester,
polymer with cyclohexyl 2-methyl-2-propenoate and methyl
2-methyl-2-propenoate
MF (C10 H16 O2 . C9 H12 O6 . C5 H8 O2)x
CI PMS

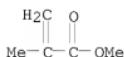
CM 1



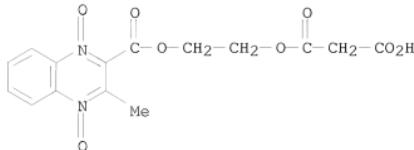
CM 2



CM 3



L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[2-[(3-methyl-1,4-dioxido-2-
quinoxalinyl)carbonyl]oxy]ethyl ester, sodium salt (1:1)
MF C15 H14 N2 O8 . Na

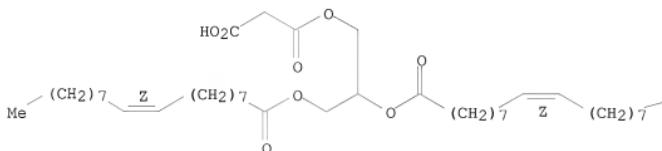


● Na

L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2,3-bis[(9Z)-1-oxo-9-octadecen-1-yl]oxy]propyl ester
 MF C42 H74 O8

Double bond geometry as shown.

PAGE 1-A

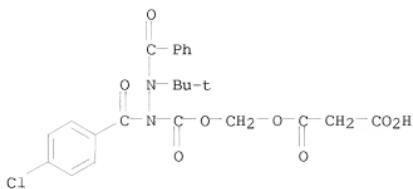


PAGE 1-B

— Me

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

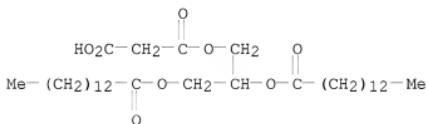
L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[{[(2-benzoyl-1-(4-chlorobenzoyl)-2-(1,1-dimethylethyl)hydrazinyl]carbonyl}oxy]methyl ester, sodium salt (1:1)
 MF C23 H23 Cl N2 O8 . Na



● Na

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

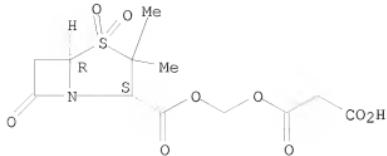
L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2,3-bis(1-oxotetradecyl)oxy]propyl ester
 MF C34 H62 O8



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

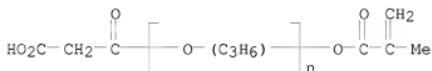
L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, mono[[(3,3-dimethyl-4,4-dioxido-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-2-yl)carbonyloxy]methyl] ester, sodium salt,
 (2S-cis)- (9CI)
 MF C12 H15 N O9 S . Na

Absolute stereochemistry.



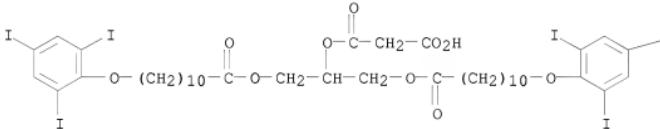
● Na

L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Poly[oxy(methyl-1,2-ethanediyl)], α -(carboxyacetyl)- ω -[(2-methyl-1-oxo-2-propenyl)oxy]- (9CI)
 MF (C₃ H₆ O)n C₇ H₈ O₅
 CI IDS, PMS, COM



L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2-[[1-oxo-11-(2,4,6-triiodophenoxy)undecyl]oxy]-1-[[[1-oxo-11-(2,4,6-triiodophenoxy)undecyl]oxy]methyl]ethyl ester
 MF C₄₀ H₅₂ I₆ O₁₀

PAGE 1-A



PAGE 1-B

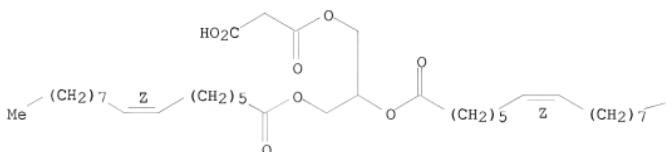
— I

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[2,3-bis[[(7Z)-1-oxo-7-hexadecen-1-yl]oxy]propyl]
ester
MF C38 H66 O8

Double bond geometry as shown.

PAGE 1-A



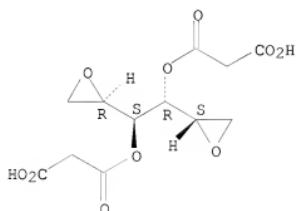
PAGE 1-B

—Me

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Galactitol, 1,2:5,6-dianhydro-, bis(hydrogen propanedioate) (9CI)
MF C12 H14 O10

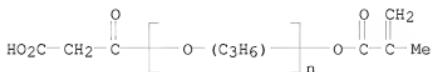
Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Poly[oxy(methyl-1,2-ethanediyl)], α -(carboxyacetyl)- ω -[(2-methyl-1-oxo-2-propenyl)oxy]-, polymer with ethenylbenzene (9CI)
MF (C₈ H₈ O_n)_n C₇ H₈ O₅)_x
CI PMS

CM 1

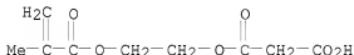


CM 2



L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, mono[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester,
polymer with 1,2-ethanediyl bis(2-methyl-2-propenoate) and methyl
2-methyl-2-propenoate (9CI)
MF (C₁₀ H₁₄ O₄ . C₉ H₁₂ O₆ . C₅ H₈ O₂)_x
CI PMS

CM 1



CM 2

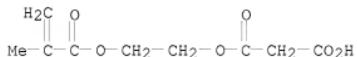


CM 3

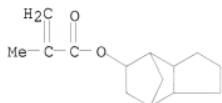


L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester,
polymer with 1,3-butadiene, 2-methyl-2-propenoic acid,
octahydro-4,7-methano-1H-inden-5-yl 2-methyl-2-propenoate and phenylmethyl
2-methyl-2-propenoate
MF (C₁₄ H₂₀ O₂ . C₁₁ H₁₂ O₂ . C₉ H₁₂ O₆ . C₄ H₆ O₂ . C₄ H₆)_x
CI PMS

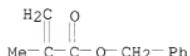
CM 1



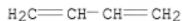
CM 2



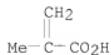
CM 3



CM 4

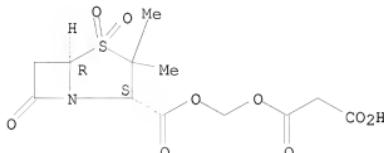


CM 5



IN Propanedioic acid, mono[[(3,3-dimethyl-4,4-dioxido-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-2-yl)carbonyloxy]methyl] ester, (2S-cis)- (9CI)
MF C12 H15 N O9 S
CI COM

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> logoff hold			
COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
FULL ESTIMATED COST	ENTRY	SESSION	
	2.88	347.90	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL	
CA SUBSCRIBER PRICE	ENTRY	SESSION	
	0.00	-4.10	

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 06:12:38 ON 07 APR 2009